

IN THE CLAIMS:

On page 18, line 1 please cancel "Patent claims" and substitute:--

WE CLAIM AS OUR INVENTION:-- therefor.

Claims 1-10 have been cancelled.

5 1.-10. (Cancelled)

Add the following new claims:

11. (New) A system for image-supported shockwave treatment, comprising:

 a base support;

10 a patient table adapted to receive a patient thereon;

 an x-ray C-arm mounted to said base support and movable orbitally in an orbital plane around an isocenter, said x-ray C-arm having an x-ray source and a radiation detector mounted thereon to obtain x-ray images of an examination subject on the patient table;

15 a shockwave head that emits focused shockwaves adapted to interact with an examination subject on the patient table;

 a carrier device for said shockwave head, said carrier device being mounted to said base support laterally from, and stationary relative to, said x-ray C-arm;

20 a boom extending toward said x-ray C-arm having a fixed end connected to said carrier device and a free end at which said shockwave head is attached; and

 said boom being movable by said carrier device to arbitrarily position said shockwave head in said orbital plane within an angle range of at least 180° above and below the patient table, and aligned to said isocenter.

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12. (New) A system as claimed in claim 11 wherein said carrier device moves said boom in a plane parallel to said orbital plane of said x-ray C-arm.

13. (New) A system as claimed in claim 11 wherein said carrier device comprises a carrier device C-arm disposed axially offset from, and co-axially relative to, said x-ray C-arm, said C-arm having said fixed end of said boom attached thereto and moving said boom orbitally.

5 14. (New) A system as claimed in claim 13 wherein said carrier device C-arm is mounted to said base support for orbital movement of said carrier device C-arm.

10 15. (New) A system as claimed in claim 11 wherein said carrier device comprises an articulated arm comprising a plurality of arms segments connected by respective joints, said articulated arm having a free end attached to said fixed end of said boom.

15 16. (New) A system as claimed in claim 15 wherein each of said joints of said articulated arm has a rotational axes, the respective rotational axes of said joints proceeding parallel to each other and at a right angle to the orbital plane of the x-ray C-arm,. said boom being rotatably mounted at said fee end of said articulated arm.

17. (New) A system as claimed in claim 11 wherein said shockwave head comprises a central region therein, extending along a shockwave axis of the shockwave head, which is permeable for x-rays.

20 18. (New) A system as claimed in claim 11 wherein said X-ray c-arm is mounted to said base support for angular movement of said x-ray C-arm.

25 19. (New) A system as claimed in claim 11 wherein said carrier device and said shockwave head are movable between a treatment position, at which said shockwave head is located above or below a patient on the patient table, and a park position at which said shockwave head is remote from said patient table.

20. (New) A system as claimed in claim 11 wherein said patient table proceeds through said x-ray C-arm, and wherein said patient table comprises a table support disposed outside of a movement range of said x-ray C-arm and a movement range of said carrier device.